

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Handwritten notes:
KCC
9/24/08

Handwritten note:
Rec'd in Prod. 9/23

Operator: License # **32461**
Name: **Tailwater, Inc.**
Address: **6421 Avondale, Ste 212**
City/State/Zip: **Oklahoma City, OK 783116**
Purchaser: **CMT**
Operator Contact Person: **Christian L. Martin**
Phone: (**405**) **810-0900**
Contractor: Name: **Evans Energy Development**
License: **8509**
Wellsite Geologist: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

5/15/08 **5/16/08** waiting for approval from KCC
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - **003-24494-0000**
County: **Anderson**
NW SW SW SW Sec. **18** Twp. **20** S. R. **21** East West
545 feet from **S** / N (circle one) Line of Section
165 feet from E / **W** (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW **SW**
Lease Name: **Cartwright** Well #: **1-IW**
Field Name: **Garnett Shoestring**
Producing Formation: **Bartlesville**
Elevation: Ground: **1077** Kelly Bushing: **n/a**
Total Depth: **900** Plug Back Total Depth: **n/a**
Amount of Surface Pipe Set and Cemented at **21.6** Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from **0**
feet depth to **21.6'** w/ **6** sx cmt.

Drilling Fluid Management Plan *AH II NR*
(Data must be collected from the Reserve Pit) *11-18-08*
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: *Stacy B. Martin*
Title: **Agent** Date: **9/11/08**

Subscribed and sworn to before me this **11th** day of **Sept**

20 **DB**
Notary Public: *Emily Marang*
Date Commission Expires: **08/05/09**



KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received **RECEIVED**
KANSAS CORPORATION COMMISSION

Geologist Report Received

UIC Distribution **SEP 15 2008**

9/24

ORIGINAL

Side Two

Operator Name: Tailwater, Inc. Lease Name: Cartwright Well #: 1-IW
 Sec. 18 Twp. 20 S. R. 21 East West County: Anderson

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Bartlesville	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Driller's Log attached	
List All E. Logs Run: Gamma Ray/Neutron			

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9 7/8"	7"		21.6'	Portland	6	
Completion	5 5/8"	2 7/8"		890.3'	Portland	136	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

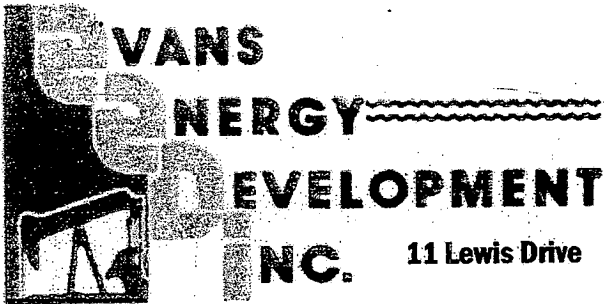
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	832' - 836' (9 perfs)	n/a	
	840' - 850' (21 perfs)		

TUBING RECORD	Size <u>2 7/8"</u>	Set At <u>890.3'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>n/a</u>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------

Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>0</u>	Water Bbls. <u>n/a</u>	Gas-Oil Ratio <u>none</u>	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	



**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

Phone: 913-557-9083
Fax: 913-557-9084

11 Lewis Drive

Paola, KS 66071

INC.

WELL LOG
Tailwater, Inc.
Cartwright #1-IW
API #15-003-24,494
May 15 - May 16, 2008

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
3	soil & clay	3
180	shale	183
25	lime	208
58	shale	266
11	lime	277
5	shale	282
38	lime	320
8	shale	328
22	lime	350
3	shale	353
30	lime	383 base of the Kansas City
169	shale	552
3	lime	555
6	shale	561
8	lime	569
53	shale	622
23	lime	645
3	shale	648
4	lime	652
16	shale	668
22	lime	690 few shale seams
6	shale	696
1	lime	697
4	shale	701
2	lime	703
11	shale	714
2	lime	716
4	shale	720
2	lime	722
9	shale	731
17	lime	748
10	shale	758
2	lime	760
2	shale	762
5	lime	767
17	shale	784
2	lime	786
28	shale	814
2	lime & shells	816
18	shale	834

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SEP 15 2008

CONSERVATION DIVISION
WICHITA, KS

Cartwright #1-IW

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1	broken sand	835	50% sand, 50% shale, bleeding well
5	silty shale	840	
5	broken sand	845	20% bleeding sand, 80% shale
8	sand	853	
1	coal & shale	854	
46	shale	900	TD

Drilled a 9 7/8" hole to 22'.

Drilled a 5 5/8" hole to 900'.

Set 21.6' of new 7" threaded and coupled surface casing, cemented with 6 sacks cement

Set 890.3' of used 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp

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SEP 15 2008

CONSERVATION DIVISION
WICHITA, KS

CONSOLIDATED OIL WELL SERVICES, INC.

P.O. BOX 884, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER 16094

LOCATION Ottawa

FOREMAN Alan Made

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-29-09	7806	Cartwright 1-IW	13	20	20	AN
CUSTOMER Tail Water			TRUCK #			
MAILING ADDRESS 6421 Avondale Dr			DRIVER			
CITY Oklahoma City			TRUCK #			
STATE OK			DRIVER			
ZIP CODE 73116			TRUCK #			
			DRIVER			

JOB TYPE long string HOLE SIZE 6" HOLE DEPTH 500 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 890' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Established rate. Mixed + pumped 200# gel to flush hole. Mixed + pumped 152sx 50/50 p02, 5# hal-seal, 5% salt, 2% gel, 1/4# Pheno-seal. Circulated cement to surface. Flushed pump. Pumped 2 1/2 plug to casing TD. Well held 800 PSI for 30 min MFT. Closed Valve.

Erans Energy

Alan Made

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	875.00
5406	85	MILEAGE	368	86.25
5402	890'	casing footage	368	—
5407A		ton mileage	226	181.94
5502C	2	80 val	369	188.00
1107A	38#	Phenoseal		41.42
1110A	760#	hal-seal		304.00
1111	319#	salt		98.89
1118B	455#	gel		78.80
1124	1365x	50/50		1264.80
4402	1	2 1/2 plug		2.00
RECEIVED KANSAS CORPORATION COMMISSION SEP 15 2008 CONSERVATION DIVISION WICHITA, KS				
Sub				3134.10
6.3%				122.60
ESTIMATED TOTAL				3256.76

AUTHORIZATION [Signature]

TITLE 222211

DATE [Signature]